

They indicate the center of project parts or holes.

Extension lines are thin lines used with dimension lines to show the size of project parts. Extension lines extend beyond the edges of a project to help show dimensions.

Dimension lines have arrowheads at each end. They are drawn between two extension lines to show dimensions.

Making Working Drawings

You must be patient and accurate to make working drawings correctly. Working drawings determine how good the project looks and how

well it fits together. If the drawing has mistakes, so will the project.

Use the final sketch of the project to determine the scale of the working drawing. The scale should allow the project to be drawn on regular-size paper. Use the scale to draw each line on the project. For most beginners it is much easier to make a multiview drawing than a pictorial drawing. See Fig. 3-8. The sketch will serve as a pictorial drawing.

Draw the dimensions carefully. The lines can be off a little, but the dimensions must be correct. They must show the exact length, width, and thickness of each part.

They should also show the sizes of holes, grooves, angles, and hardware.

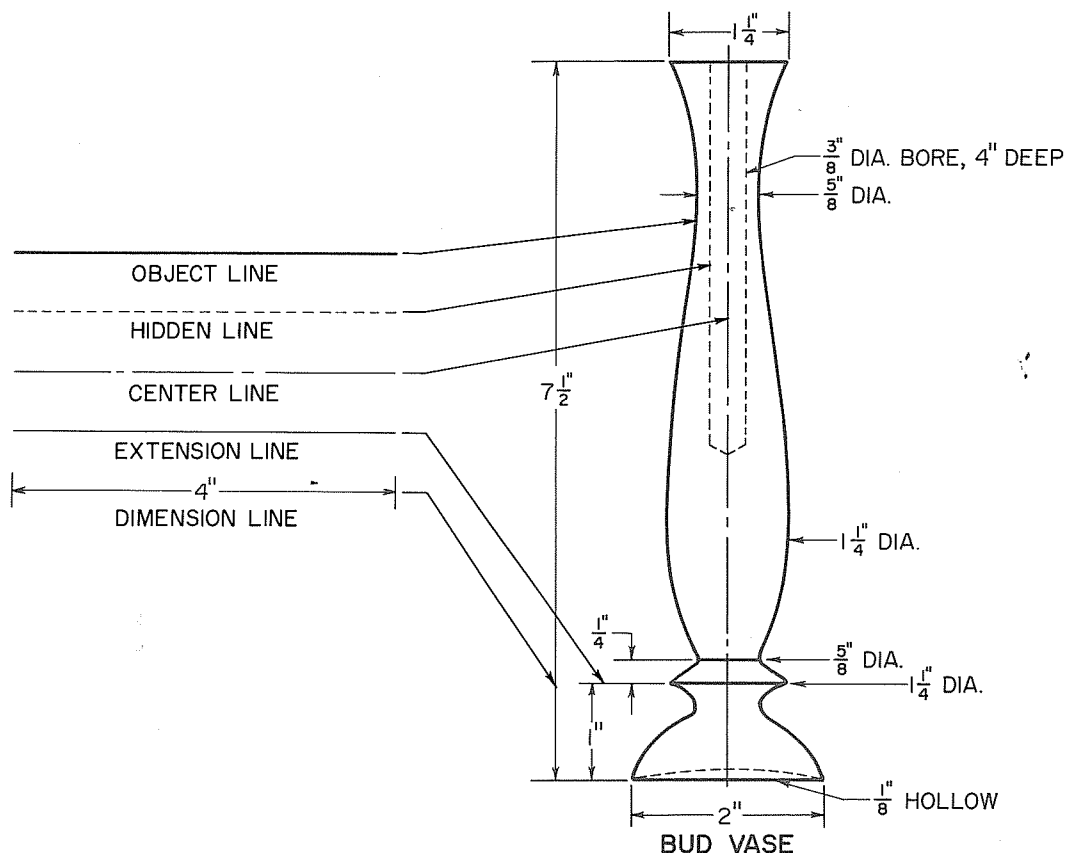


Fig. 3-7. Several types of lines are used in working drawings.